AMENDMENTS TO THE CLAIMS

1. (Currently amended) A transmission line connecting structure comprising:

a <u>plurality of connected transmission lines</u>, <u>each</u> transmission line including a dielectric substrate, an electrode formed on a first side of the dielectric substrate, and a first slot having a predetermined width and formed in the electrode, a <u>plurality of such transmission lines being connected</u>;

wherein [[an]] the electrode of a first transmission line of the plurality of connected transmission lines and [[an]] the electrode of a second transmission line of the plurality of connected transmission lines are positioned at a distance from one another to form a gap therebetween;

wherein a <u>respective</u> resonator is connected to each of the plurality of <u>connected</u> transmission lines so as to be able to couple with one another, one end of each <u>respective</u> resonator being open on a side thereof facing the gap;

wherein at least one stub for suppressing leakage of a <u>first</u> signal in the gap between the plurality of electrodes is provided in at least one electrode of the electrodes of the plurality of <u>connected</u> transmission lines;

and wherein, when the wavelength of a <u>second</u> signal in odd mode which propagates the <u>plurality of connected</u> transmission <u>lines</u> line is λg _odd, a length of the stub is approximately λg _odd/4, and a length between the <u>respective</u> resonator and the stub is smaller than λg _odd/2.

- 2. (Previously presented) The transmission line connecting structure according to claim 1, further comprising:
- a second electrode formed on a second side of the dielectric substrate opposite the first side;

a second slot formed in the second electrode, the second slot having a predetermined width and opposing the first slot; and

a second resonator connected to the second electrode, one end of the second resonator being open on a side thereof facing the gap.

3. (Currently amended) A transmission line connecting structure comprising:

a <u>plurality of connected transmission lines</u>, <u>each</u> transmission line including a dielectric substrate, an electrode formed on a first side of the dielectric substrate, and a first slot having a predetermined width and formed in the electrode, a <u>plurality of such transmission lines being eonnected</u>;

wherein [[an]] <u>the</u> electrode of a first <u>transmission line</u> of the plurality of <u>connected</u> transmission lines and [[an]] <u>the</u> electrode of a second <u>transmission line</u> of the plurality of <u>connected</u> transmission lines are positioned at a distance from one another to form a gap therebetween;

wherein a <u>respective</u> resonator is connected to each of the plurality of <u>connected</u> transmission lines so as to be able to couple with one another, one end of each <u>respective</u> resonator being open on a side thereof facing the gap;

wherein at least one stub for suppressing leakage of a <u>first</u> signal in the gap between the plurality of electrodes is provided in at least one electrode of the electrodes of the plurality of <u>connected</u> transmission lines;

and wherein when the wavelength of a <u>second</u> signal in odd mode which propagates the <u>plurality of connected</u> transmission <u>lines</u> line is λg_0 odd, a length of the stub is approximately λg_0 odd/4, and a length between the <u>respective</u> resonator and the stub is approximately λg_0 odd/2.

- 4. (Previously presented) The transmission line connecting structure according to claim 3, further comprising:
- a second electrode formed on a second side of the dielectric substrate opposite the first side;
- a second slot formed in the second electrode, the second slot having a predetermined width and opposing the first slot; and
- a second resonator connected to the second electrode, one end of the second resonator being open on a side thereof facing the gap.
- 5. (Previously presented) A transmission/reception device comprising a transmission line connecting structure according to claim 1.
- 6. (Previously presented) The transmission line connecting structure according to claim 1, wherein an end portion of the at least one stub is in a circular arc shape.
- 7. (Previously presented) The transmission line connecting structure according to claim 1, wherein the at least one stub is folded back at a midpoint thereof.
- 8. (Previously presented) The transmission line connecting structure according to claim 1, wherein the at least one stub is circular in shape.
- 9. (Previously presented) The transmission line connecting structure according to claim 1, wherein the at least one stub has a fan shape.
- 10. (Previously presented) The transmission line connecting structure according to claim 3, wherein an end portion of the at least one stub is in a circular arc shape.

- 11. (Previously presented) The transmission line connecting structure according to claim 3, wherein the at least one stub is folded back at a midpoint thereof.
- 12. (Previously presented) The transmission line connecting structure according to claim 3, wherein the at least one stub is circular in shape.
- 13. (Previously presented) The transmission line connecting structure according to claim 3, wherein the at least one stub has a fan shape.
 - 14. (Previously presented) A transmission line connecting structure comprising:
 - a transmission line including:
 - a dielectric substrate;
 - an electrode formed on at least one side of the dielectric substrate;
 - a slot having a predetermined width formed in the electrode;
 - a resonator provided in the electrode, one end of the resonator being open; and
 - a stub for suppressing leakage of a signal in the transmission line.
- 15. (Previously presented) The transmission line connecting structure according to claim 14, wherein, when a wavelength of a signal in an odd mode which propagates the transmission line is λg_0 odd, a length of the stub is approximately λg_0 odd/4, and a length between the resonator and the stub is smaller than λg_0 odd/2.
- 16. (Previously presented) The transmission line connecting structure according to claim 14, wherein, when the wavelength of a signal in an odd mode which propagates the transmission line is λg_0 odd, a length of the stub is approximately λg_0 odd/4, and a length between the resonator and the stub is approximately λg_0 odd/2.
- 17. (Previously presented) The transmission line connecting structure according to claim 14, wherein an end portion of the at least one stub is in a circular arc shape.

- 18. (Previously presented) The transmission line connecting structure according to claim 14, wherein the at least one stub is folded back at a midpoint thereof.
- 19. (Previously presented) The transmission line connecting structure according to claim 14, wherein the at least one stub is circular in shape.
- 20. (Previously presented) The transmission line connecting structure according to claim 14, wherein the at least one stub has a fan shape.